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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

COUNTRY USSR (Sverdlovsk Oblast)

DATE DISTR. 10 Jan. 1950

SUBJECT Light Metal Plant in Verkhnyaya Salda

NO. OF PAGES 2

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(LISTED BELOW)

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DATE OF INFO. [REDACTED]

SUPPLEMENT TO
REPORT NO.

1. Location

On the northern outskirts of VERKHNYAYA SALDA (60°35'N/
58°05'N) (see Annex 1).

2. Installations

See Annex 2.

3. Plant History

The plant was moved from MOSCOV. It has modern equipment.

4. Date on Installations and Production

a. Six smelting furnaces (number 1a of Annex 1); two furnaces about 100 feet long and 16 feet high are connected and are electrically heated. Airplane scrap, mostly high quality American aluminum, is smelted in these furnaces and cast into bars, 5 feet long and 12 to 16 inches thick. Each furnace had two casting vats for filling the molds. The workshop had 12 casting vats. The cast bars were stored in a dump west of the workshop and shipped away from time to time.

b. Rolled aluminum plates also stored in the dump indicated the existence of a rolling mill. The plates were about 10 feet long, 5 feet wide, and of various gauges. The plates and bars were of duralumin.

Very light bars, 3x6x8 inches, with a golden lustre, were stored separately in this dump. These were thought to be a kind of electrode.

c. Six annealing furnaces, about 10 feet in diameter and 7 feet high, were in the southern part of the workshop. About three feet above ground the furnaces had an aperture about eight inches square. The furnaces had fire-brick lining and had an outside cover of steel plates.

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5. Production

Propeller blades were produced in addition to the mentioned bars and plates. Rate of production and capacity unknown.

6. The machinery was new American machines. Wooden boxes of American special aluminum-working machines (such as punches, presses, and small rolling machines) were along the spur track. All boxes were labeled "war production for USSR" and bore a number which was not remembered. The boxes were shipped from NEW YORK.

7. The existence of a power plant was not known but a high tension line was observed.

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Comment:

This report confirms and supplements a previous report .

- 2 Annexes: 1.) Light Metal Plant in
2.) VERKHNAYA ZALDA

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